

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 March 2005 (17.03.2005)

PCT

(10) International Publication Number
WO 2005/024170 A2

(51) International Patent Classification⁷:

E21B

(72) Inventors; and

(21) International Application Number:

PCT/US2004/028831

(75) Inventors/Applicants (for US only): **SHUSTER, Mark**

(22) International Filing Date:

7 September 2004 (07.09.2004)

[US/US]; 19115 Prospect Ridge Lane, Houston, TX 77094 (US). **GRAY, Malcolm** [US/US]; 1502 Wagon Gap Trail, Houston, TX 77010 (US). **GREENBURG, Grigory** [US/US]; Toledo, OH (US). **COSTA, Scott** [US/US]; 2011 Willow Point, Kingwood, TX 77330 (US). **WASSON, Russel** [US/US]; Houston, TX (US). **BRISCO, David, Paul** [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US). **WATSON, Brock, Wayne** [US/US]; 2535 Marsh Lane, Number 1004, Carrollton, TX 75006 (US).

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/500,435 5 September 2003 (05.09.2003) US

60/585,370 2 July 2004 (02.07.2004) US

60/600,679 11 August 2004 (11.08.2004) US

(74) Agents: **MATTINGLY, Todd** et al.; Haynes and Boone LLP, 901 Main Street, Suite 3100, Dallas, TX 75202 (US).

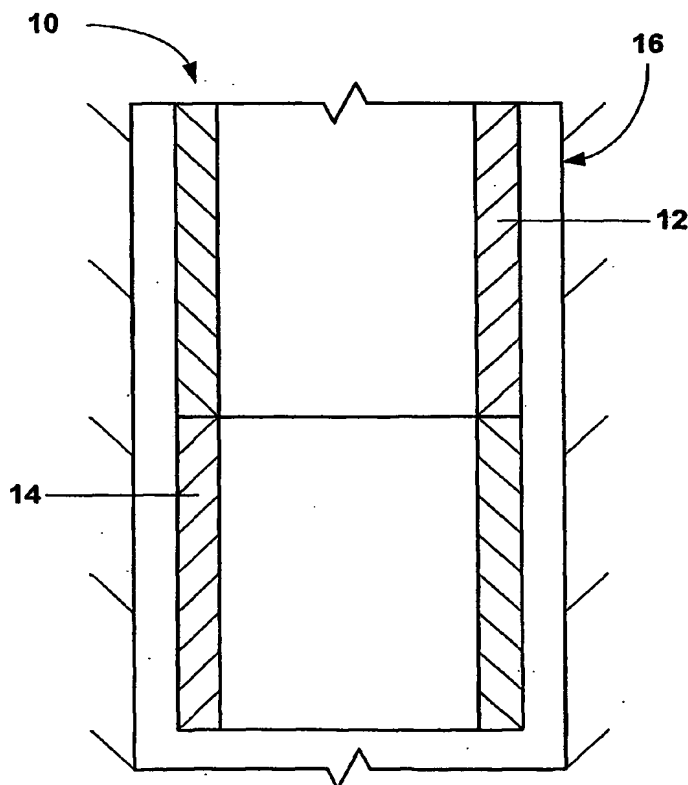
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,

(71) Applicant (for all designated States except US): **EN-VENTURE GLOBAL TECHNOLOGY, LLC** [US/US]; 16200 A Park Row, Houston, TX 77084 (US).

[Continued on next page]

(54) Title: RADIAL EXPANSION SYSTEM

(57) Abstract: A radial expansion system.



WO 2005/024170 A2



KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *without international search report and to be republished upon receipt of that report*

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.